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NOTIFICATION DATA FOR UNDERGROUND STORAGE TANKS

Tank Data

FACILITY ID*	4-080002	4-080002					F. W. 19.
TANK ID .	1	• 2	•				
•			•	•		•	
Status of Tank .		•05111 03014	21.5				1000
Currently In Use *	X	* X	•	•	•		
Temp. Out of Use °		•	•	•		• -	
Perm. Out of Use *			7.2.0	سريد فينظى	il	-20 4	
Amendment		•	•	• • •	•	•	
			•	•	•	•	
Date of Installation °	01-01-83	01-01-83		- IChity .	6:13	e 5 · 5 · 5	
Age	11	• 11	•	•	•	•	
Est. Total Capacity (Gals)	10,000	10,000		·/ •		•	
				•	•	7 1	
Material of Construction .			•	· · · · · · · · · · · · · · · · · · ·	•		
Asphalt or Bare Steel *	X	· X	•			1	<u> </u>
cain. Protected Steel		•	•		•		
Epoxy Coated Steel		•		•	•	•	
Composite * Tiberglass Reinf. Plas.*	- No. 1	• 17				•	
Lined Interior			•				
Double Walled			•		•		
Poly. Tank Jacket		0			•	•	
Concrete		0	0	•	•	•	
Excavation Liner	7	• 2	•		•	•	
Unknown		•	•		•		
Other, explanation °		•			•		
Tank been repaired?	and the second	•	•	• • • •	• .	•	
		•	۰	•	•	•	
Piping Material °		•	•	•	•	•	
Bare Steel .		•	•	•			
Galvanized Steel *	X	· X	•			•	
Fiberglass		•	•		•	•	
Copper		•	•	•	•	•	
Cathodically Protected °		•	•	. • 0 - 1	. •	•	•
Double Walled *			•	٠	•	•	
Secondary Containment		:	•	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	36 3	•
Unknown		•	•	•	•	0	•
Other, explanation			•	•	•	•	•
		•	•	•	• .	•	•
Fiping Type		•	•	•	•	•	
Suction: No Valve		•	•	· · ·	•	•	•
Suction: Valve ° Pressure °		•	•	0	•	•	
Gravity Fed		•		•		•	
Piping been repaired?		•	•				
· iping been repaired:		•	0	•	•		
Substance Stored in Tank *		0	0	0	•		
Gasoline *	X	* X	0	0	•		
Diesel	^	•	•	•	•	0	•
Gasohol			•	- 0	•		
Kerosene *			•	•	•	•	
Heating Oil		• ;	•	•	•	•	•
Used Oil		•	D		•	•	•
Other, explanation °		•	•	•	•	•	

to soul supportably?

undwater contours continue to indicate the direction of flow is almost due th. This indicates well RRMW1 is in the correct position to monitor the pact of the release. Table 3 shows all available groundwater measurements wells near the site indicating well SMW1 was a foot higher in July of 1995 n on June 14th of 1996, thus indicating groundwater will probably rise at st another foot, and maybe higher before the end of the irrigation season. is flushing of water can be expected to further reduce the concentration of in the groundwater based upon the rate of flow.

On June 13, a well at the Roadrunner (Well MW1) was pumped for 25 nutes at the rate of 15 gpm. The water level after 25 minutes was stable at a drawdown of 0.71 feet. Thus, specific capacity is 21 gpm per foot of awdown. The Theis equation can be modified to calculate transmissivity m specific capacity (Heath, 1983). Given a 12-inch effective diameter for s well, and an estimate of the storage coefficient of 0.20 (see below), the nsmissivity for this well is estimated to be 2500 ft²/day. Because the eened interval is 10 feet, hydraulic conductivity is on the order of 250 day. Water level measurements (June 14) show a hydraulic gradient of 125 ft/ft based on triangulation of three wells: RRMW1 at the Roadrunner e, and Wapato Shell wells MW1 and MW3. The apparent direction of flow 514E.

,0125 Regionally, the unconfined aquifer beneath Wapato is known as the ppenish alluvial aquifer, and has been described in detail by Bolke and rivan (1981). In the Wapato vicinity, the saturated thickness of the aquifer 150 to 200 feet, and lateral hydraulic conductivity ranges from proximately 270 to 430 ft/day. Storage coefficient (based on measurements specific yield) is estimated at 0.20, and the direction of flow in the Wapato cinity is generally SSE. Hydraulic gradient in the Wapato vicinity is shown approximately 0.0024 ft/ft) based on March 1972 data. Water levels can vary much as 15 ft seasonally within less than two miles of Wapato, primarily cause of irrigation. The March 1972 data in the report reflect annual low ater levels. Given the estimated 0.20 storage coefficient from Bolke and rivan, we estimate the effective porosity is 0.25.

Given the hydraulic gradient observed in mid-June, an effective prosity of 0.25, and using the hydraulic conductivity range of Bolke and crivan, the rate of ground water flow is expected to be 14 to 22 ft/day at the

The Washington State Department of Ecology, Yakama Indian Nation, ity of Wapato, USCS and the School District have all been contacted to etermine if there are any wells used for drinking water downgradient of the ac Ilsi:PROJECTS:(M) UST's:M23 Road Rupposette C

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Ave. linear relocity"

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relation to the

1972 data

calculation

with reference

these wolls in